AUTHOR INDEX TO VOLUME 31

Abraham, J., 597
Abu-Hijleh, B., 325
Anand, N. K., 21
Angirasa, D., 235
Astin, P., 273
Aswatha Narayana, P. A., 551
Ayyaswamy, P. S., 451

Balachandar, S., 327
Barboza, S. A., 375
Benkhelifa, A., 305
Benmadda, M., 71
Bergantz, G. W., 375
Bergman, T. L., 1
Blair, A. J., 469
Bouhdjar, A., 305
Buchlin, J.-M., 143

Chang, C. S., 113
Charrier-Mojtabi, M. C., 837
Chen, C.-K., 529
Chen, L., 629
Chen, S. C., 235
Cheng, C.-Y., 529
Cheung, Y. L., 87
Chiang, T. P., 167
Choi, I. S., 725
Chow, W. K., 87
Clutter, J. K., 355

Dai, W., 585
Drost, M. K., 131

Emery, A. F., 37
Evans, G. H., 867

Fadale, T. D., 37
Fadda, D., 685

Galanis, N., 53
Garimella, S. V., 629
Guo, Zhixiong, 517
Guo, Zhongyo, 21

Ha, M. Y., 289
Harhad, A., 305

Hasan, M., 393
Ho, C. J., 881
Holt, B. R., 797
How, S.-P., 655
Hsu, P.-F., 819
Hsu, P.-T., 655
Hsu, T.-H., 655
Hyun, J. M., 517

Jeong, J. Y., 433
Jog, M. A., 451
Joh, S., 867

Kanellopoulos, N. K., 143
Karimi-Fard, M., 837
Kemp, R., 411
Kim, K. C., 289
Kim, W.-S., 703
Klemick, S. G., 451
Krishne Gowda, Y. T., 551
Kuo, D. C., 1

Lacroix, M., 71
Lee, S.-C., 529
Leonardi, E., 629
Lin, F. H., 881
Lin, J., 853
Lin, T. F., 745
Liu, Y., 411
Luo, X.-L., 411

Magi, V., 597
Milton, B. E., 725
Moh, J. H., 1
Murthy, P. V. S. N., 207

Nassar, R., 585
Nesreddine, H., 53
Nguyen, C. T., 53

Oh, J. Y., 789

Park, H.-J., 493
Pérez Caseiras, C., 143
Peterson, P. A., 469

Peterson, G. P., 113, 255
Phan-Thien, N., 411
Pop, I., 255

Qualey, D. L., 131

Raad, P. E., 685
Raisi, A., 783
Ramadhyani, S., 563
Ramamurthy, H., 563
Rathish Kumar, B. V., 207
Reizes, J. A., 629
Rhode, D. L., 611
Rostami, A. A., 783
Ryou, H. S., 433

Seetharamu, K. N., 551
Seyedein, S. H., 393
Sharatchandra, M. C., 611
Sharif, M. A. R., 853
Shen, B., 585
Sheu, T. S., 193
Sheu, T. W. H., 167
Shyy, W., 355
Sim, B.-C., 703
Singh, P., 207
Soong, C. Y., 193
Stubos, A. K., 143
Sung, H. J., 517

Tafti, D. K., 327
Tan, Z., 819
Thomas, S. K., 469
Tong, A. Y., 797
Torii, S., 223
Tzeng, P. Y., 193

Vafai, K., 235, 837
Viskanta, R., 563

Warrington, R. O., 585
Welty, J. R., 131
Wilks, G., 273

Yang, W.-J., 223, 493
Yoo, J.-S., 765
Yu, C. H., 745

Zhang, L. W., 327

SUBJECT INDEX TO VOLUME 31

Adaptive grid scheme, and heat clearance properties, in a radiatively heated biological tissue, 451
Airbag employment, transdermal heat transfer due to, 469
Anisotropic κ-ϵ model, and turbulent parallel couette flows, 223

Combined-mode heat transfer, and radiative heat transfer, within L-shaped media, 819
Compartmental fire, comparison of PISO and SIMPLER in simulating, 87
Convection, double-diffusive, non-Darcian effects on within a porous medium, 837
  from a laminar flow over a 2-D backward facing step, 325
  mixed, in air, effects of aspect ratio on vortex flow patterns, 745
    in a partially divided rectangular enclosure, 655
    past in-line cylinders, in a vertical duct, 551
  natural, combined heat and mass transfer by, in a saturated thermally stratified porous medium, 255
    flow of, in an enclosure with a heat-generating conducting body, 289
    in harmonically oscillated, differentially heated enclosures, 1
    from a horizontal wavy surface, in a porous enclosure, 207
    simulation of, in a vertical enclosure, by pseudovorticity-velocity formulation, 881
  transient mixed, in a cylindrical cavity, 305
Couette flows, turbulent parallel, and anisotropic κ-ϵ model, 223
Coupled conduction-convection problem, for an underground rectangular duct and three insulated cables, 411

Discrete ordinates method, to compute radiant heat loss in a diesel engine, 597
Dual-fuel combustion model, for premixed natural gas, with distillate ignition, 725

Finite element solutions, of laminar and turbulent flows, in an air-cooled room, 529
Flow stability, in a chemical vapor deposition reactor, 867
Fluid flow, in a channel with heated normal plates, 853
Free surface mixing, with heat transfer, 685
Fuel burn-up correlations, for flows in radient tubes, 563

Gas bubbles, interacting, motion of in a viscous liquid, 629
Gas-stirred ladle systems, turbulent two-phase mixing in, 493
Gun propulsion, high-speed reacting flow for, 355

Heat clearance, in a radiatively heated biological tissue, and adaptive grid scheme, 451

Intrinsic three dimensionality, effects of, in a periodic array of parallel plates, 327

Jet assimilation, into a uniform stream, 273

Laser surface heating of alloys, thermal behavior and fluid flow during, 703

Melt pool size, and temperature distribution, in a semi-infinite body, 783
Melt productivity, and rheology, 375
Melting, and solidification, from a finned vertical wall, 71
Monte Carlo simulation, Hottel extended, 131

Non-Darcian effects, on double-diffusive convection, within a porous medium, 837

PISO, comparison with SIMPLER, in simulating compartmental fire, 87
Pseudovorticity-velocity formulation, simulation of natural convection by, 881

Pulsating flow, in an annulus partially filled with porous media, 517

Radiative heat transfer, and combined-mode heat transfer, with L-shaped media, 819
Rheology, and melt productivity, 375

SIMPLER, comparison with PISO, in simulating compartmental fire, 87
Solidification, of liquid metal droplets, 797
and melting, from a finned vertical wall, 71
Stochastic element analysis, temperature dependent properties in, 37
boundary conditions in, 37
Surface tension effects, non-Darcian, on free surface transport, in porous media, 235

Temperature distribution, and melt pool size, in a semi-infinite body, 783
Three dimensional heat transfer, in a channel with a baffle, 21
Transdermal heat transfer, due to airbag deployment, 469
Turbulent flow, in staggered tube banks with displaced tube rows, 611
in a twin-roll caster, 393
Turbulent boundary layer, 3-D, with imbedded longitudinal vortex, 433
Two-phase flow, in porous-channel heat sinks, 113

Unsteady heat transfer, from a rotating disk, with solidification, 765

Vapor-liquid flow, in capillary porous media, 143
Variable-property effects, in laminar aiding and opposing mixed convection, 53
Vortical flow, over a 3-D backward-facing step, 167

Wall heat transfer correlations, for flows in radiant tubes, 563

X-ray irradiated photoresists, three-dimensional model for, 585